JULY 9, 1923

Issued Weekly

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DESCRIPTION OF THE BARLING BOMBER PROPOSED INTERNATIONAL AIRCRAFT CODE ORGANIZING THE NATIONAL AIRWAY SYSTEM NEW YORK-NEWPORT AIR SERVICE INAUGURATED

> THE GARDNER, MOFFAT CO., INC. HIGHLAND, N. Y. 225 FOURTH AVENUE, NEW YORK

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CONTENTS

Occasion the National Arrest System 41. Army and Navy Aut Forces THE CARDWER MODERN COMPANY In PLANTAGE HIGHLAND, N. Y.

225 FOURTH AVENUE, NEW YORK Subscription price: Four delices per gear Engle copies. Lemid vong Mendag, Ferno close tes days prevensly test studi. Conside, for delices. Everga, an delices. Entered as aeronic-data matter Nov. 13, 1985, as the o year. Copyright 2021, by the Gentury, Refer Com.—Text Office of Highland, N. Y., water and of Rentu-

THOMAS-MORSE A IDCDART CODDODATION

CONTRACTORS TO U.S. GOVERNMENT

THE Wright Aeronautical Corporation announces that it has acquired by merger the assets and business of the Lawrance Aero Engine Corporation.

By this acquisition, the Wright Company adds to its present line of water cooled airplane motors the Lawrance line of air cooled motors.

The Lawrance Company has been the pioneer in the development of air cooled motors and today has the only fully developed line now being produced in this

country. The increased engineering and production facilities resulting from the merger of the Lawrance and Wright Companies will result in an increased speed of development in the air cooled type of engine, which is rapidly becoming

a vital factor in aviation



WRIGHT

July 8, 1935 L D GARRIER

AVIATION

Learner Willer Vegeni E. Gues

The International Aircraft Code Our National Airpeans TYTIES the Communica of Juriety exponent to frame

"A Battle Ship Mast 10,000 Feet High"-

is the designation that has been given to the Navy M01 all-metal airplane, a product of the Glenn L. Martin organization

The development of this plane, of which six have been built for experimental numoses, called of research work because of the many really new features in its design

and construction

But the fact that it has passed the many and evhaustive Navy tests and that thirty-eight additional machines of this design have been ordered. speaks volumes for the utility and correctness of this new creation in aeronautics, as well as for the ability and progressive. ness of the organization responsible for it

THE GLENN L. MARTIN COMPANY

Builders of Onelity Alexandr since 1900

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The New York - Newport Air Line TENE semperation of the New York-Newsort are line to

seather reported step forward in the development of

Barling Bomber is Ready for Trial Flights

World's Largest Airplane, Assembled at Wilbur Wright Field. To be Tested July 15.
The assembling of the Burbur Douber, the largest sergions. tages of the business and involves.

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ion, U.S. Area As Service. The Harling Hender (six 400 Sp. Liberty engines) ready for its trials

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Liberty segmen) ready for its tricks

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Aero Exhibition at Gotenburgh

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Organizing the National Airway System What the Airways Section of the Amny Air Service is Doing To Facilitate Flying Across Country

3-r cone time past the Agreem Section of the Arrey Air. port and the mass mater from south to need Main there is along the prescribed senter are phannel for every 20 miles, where suspects would be mightabed with all he superiors of such netional arrang system, both from respond of asternal defence and of commercial and of well employed surveys, it would be possible, as Brig.

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The Agreementical Rollerin

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Online map of the United States showing autienal already system proposed by the Astrony Section, U. S. Array Air Service

ingether with an index of the serger. Each bulletie confiners is notion of the proposed survey system, extending the recise extension on the heating, averaged and familiate from Washinston to Confederate, in given below. HOUTE INFORMATION SERIES Washington, D. C.-Comberland, Md. (see Atreas Sense. AMPARK AND AN

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LANGUAG FORCE CONTROL FASTERN ASSESSMENT PARTY

Jay 6, 1922 July 9, 2103

Here the Activities Section of the Army Air Service interprets for element plantagoople of sirpores. Carbon Field of Plan Fulley, N. I. a step on the Model Armay, bellying between New York and Westerston, D. C.

To Arraya Seeks a slav working out a complete system advertising. Sky painting companies have also been apfloodes the terroral and town reckers, the flor reconto visible for detription to introduce consumption which

Once in model arreny between Washington, Dayton, New

Flying Directions

Apr Hall Plats, Street Plats States Full States Full Farm Service Fund.

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Under a resolution adapted at the Weshington 1922, a Commission of Jurish tree experienced by Natherlands, between Dec 11, 1922, and Feb of envell in newton, is reproduced below. The some rate as the Manus comparison of 1907 Idd.

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CHAPTER I APPLICABILITY CLASSIFICATION Article J. The rules of sorrel warfure apply to all asporads. erall (a) subtery serrest. (b) somewhere served as

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my ambalances must beer the distinctive calding of the Bol nearlest propagated whall not be treated as an abigitimate Manhors of the errors of such annual; must not be derived

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Article 24 (1) Acres bomberdment is legitimate only when

which the destruction or expery would constitute a distant making advantage to the bellement should at the following objectives military forces, undraga day sublery establishments or depute, factories equilitata city sublicty recommenders or depute; Informe example, and puter and well-known creaters appeared in the same. an of sens, andmention or determined midden supplier, of commenced or transportation and for cultury 71 The breakerdment of colors, towns, villages, dwellages,

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A believessed who deserve to secure by night the protection

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purpose of enabling States to obtain main offerest metarries

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11) A State shall be cuttiled, if it may \$4, to establish a the of protestion reand such proportions minuted in the ter-The monuments round which a some is to be established. distribution channel; the neglification about also redirect the lands of the mean. The neitheatron may not be withdrawn to The rose of protestion awy molecle, in addition to the the retaily occupied by the assument or group of mean (1) Marks clearly visible from severall either by day or by

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Accorded at a subdary objective, that is to say, an object of the mebbery organization, or from recogniting within such notes ment or none may not with a military surround in vivi (6.) An improve remailer consisting of these sendral representatives accredited to the State adopting the previous

purpose of sensoring that no violation is commetted of the the opposite believes drawl S. Any person or board a heligerest or neutral Article its Asks of especiage consulted after leaving the arische 17 and 28 is subject to articles 30 and 31 of the

CHAPTER V MELITARY AUTHORITY OVER ENEMY

AND NEUTRAL AIRCRAFT AND PERSONS ON BOARD

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V.r livi obliged to state that this possible scheme may be

The Department is concerned with all cord flying Communications in this effect, addressed "Awards estables such as the establishment of exports the Effec. Availan, 225 Fairth Ave., New York

City", should be freel, eccarate and to the point Then should dead with text and with thesein or sterulation. While American coul flower activates Mayor Mertuner A. Sullivan, who mad a letter of one up-

N. Y .- Newwest Air Service Opened

The New York - Survivan Air Conver was constant yearing medical at 30 to a. m. Johns 27, when the Learning Air Tacht. "Grow, Lark" policial by Groups Hannigh and carrying Grever Learning, premient of the are law, Sirbard Walkins of the New York Herold and Dwight, Perris, of the New York Private Herold and Dwight, Perris, of the New York Private Control of the New York Private Con The One, Lark was lifted off the implies berge in frost of the Leening heager at the fact of E. 33rd Street, New York and us, in the East Eiter at 9.56. This operation on

meding was harmon like and unharmed, and together with a beautiful stear day segured will for the first official trap standed steadily said he worked as allrinde of 2,000 ft

to the spot and addresses were made by Capit Evans, Gen-Eckert Lee Ballard, communiting the Second Carrie Area:

Walk to Nr Lorenzo, the Army and Novy sum, and he as mention to backing the venture.

allowed a newspaper tent was said no explanation was no plants to got sole the receipt of his macking and handle to levers while the grist started the sugine. The acceleral happened after the plane had prinmed from The avvident happened after the plane had primmed from the Indianapolis these with some primme and was about to take off agrice. Pilot G. J. McKenan had some treater Marting his region and allowed them D'Omeogr, a surrecour amount onto the errors that shoot show behind the whose in

An experiencty for consucreial surplete companies to equip The rinte is question was developed by the Prouch during

Chicago Airports

Benjamin F. Bush, Director-Control of St. Louis Air Room, Oct. 1-3, 1923

Gurral W. A. Energy, of the National Guard of Missoury, to tree or an Entropy, or the Supposed therei of Minis federal government will open the sast with eight new and a second property of the second s at 1 of the openions to econociary so up the un

\$1 - 000, of which me half has already been pledged 1000, of which me half he sirredy been pledged. The Howard E. Coffe, predict of the National Associates or Calle, Lather Bell, secretary of the Ascounties

Wark on the grading of St. Leuis Field at Brolpton is proceeding rapidly, describe the wet weather of the last fire angle to in St. Louis County and two angles to St. Charles Genty . The firers will cross the Missouri river twice, and miles a few males from where it mades with the Manuscapes Pilots Protest Against Bill ANALYSIS has received the following copy of a letter ad-

Meson. Rush and Siege accompanied the westers to Drinkel.

dream! June 15 by a number of prints and other next stee-We, the anderstaned what surmed in from accords in

5. That werehilder of fring and aimself is recently a That Constress now has under resenderation laws cor-That the development of smelton is of extreme kepon-That State constation of served would result as a many

Therefore, for the resume set first, we sak that the said (Superil)-Chas V. Amobil (Ord & Cours. Ave., C. H. (Spred)-than Y Amoda God & Corre over, to H Policy of the Correct Ave | Lewes D. STANTON, VISCO W. Dispersor Day, v. v. seer-lines, 660 EEs Avv., Prest T. Stevens, Marion Garon, BL; H. E. Brebects, 6600 EEs Avv., I. J. O'Melley, Avestor Clob of Chempt, H. H. Began (attind polit), E. N. Dear-lers Et. W. C. Barmenter, 200 Darry Ate, F. A. Berg, bern 24; W. C. Barmenter, 200 Darry Ate, F. A. Berg,

Past Flight in Petrol Firms a Electroland "Petot" courses with a fit has

Daland and Post were burrying to Darton to witness trials

German Air Lines



Dade energi Sondare, Op-According to Recognity reparts, the Konnghen-Massew are been to be extended an Klassian and Tyles, to Talento,

Mid West Airways Core.

Hendin cross-country from the authentian also coulords a states invasing school, and in Hintis impossualization for the Cuttus Assophate & Moise Corp. The effects are 1. F. Danes, Proceeding, Ford B. Pattler, Vice President; C. W. Rindmann, Streeting and Transmiri; C. O. Janks, Ossemi Manager, John H. Levingstan, Cheef Pett. Phase had come to the mase from all parts at see ensurer. Asseng them were eight Amer planes, a Standard and a Pakker, Boack Wester with Win. Breech Booguet, and most other persons and propagate planes. Mrs. Metagos, of the Arro Citch of Elliman, also made use of the mr mass.

On Jame 2 and 10 a comarkably successful Aread Bally was

The Selection Squades look off honors is a ride above my counted, first price going to Londonaus Sharrer and the

the greatest boost R has not asserted. The ARRIM Ridge consider in charge of the two days gregors remarked of W William Kollett, Chartwen, U Sammer Delind, Assept A Strament, Beecker R Warbarian, Sc. C T. Leadington, W H Strament, Decker R Warbarian, Sc. C T. Leadington, W H Strament, Taylor, 5.5 Streets, Ranad R Eddorf, Schott Bender, S. Taylor, 5.5 Streets, Ranad R Eddorf, Schott Player at Indianancia Rally

Among the many racing outdineads who themen up one or financial speedway decreation day were Dr. Ethner E. Yangben and his brother, who few these trees Chengo with Nicoso illash in 2 by. Nicoh were to Industrated to brone Please had come to the passe from all parts of the reserve

U. S. ARMY AND NAVY AIR FORCES

Council Patrick Cate Mis Wisson

in. I sty qualified as as aspines point at the upe of easily



W Page U S Aver Ale Streets Coursel Postels, Chief of Air Service receives the Aniston's Weep from Lt. Col. J. E. Fachet, Chief of Training & Was

Til vetter persissed of the Air Service is buppy over thirty Petrody sequestion of fring using, paint presently the fire brackets plot and the army who may ever quarties to a septime pilot and the only officer in the Army at the age of norty is receive that region.

Ground Patrick in his remount thanked the offere for

preciation of the dangers invited three a greater ap-preciation of the dangers invited threes. Max Harbert A. Danges, who was General Patrick's in-Oceanal's ability to siled an applicant.

and Lond. John P. Rubber, ran down a forty-free meet wire mound rebber been and within two ampter the feet was The four officers many times in practice had encounted to

The Great was in prepareton for an atthough on Caymon Swith and Legitonant Richter to massle all reports for enderwing trp to tip, inputest, and then threatly down so that the hour would be reaght and firstend to the and. In the preliminary tests Sector, was everyelled to make a

Army Orders

Heny H. Mdb, A S.

Golderic, First Lerets, Bry A. Dron, Grandson Gardare, Lione C. Hauthern, William C. Outhingmann, Arthur C.

The Death of a Popular Officer

the War Department, and payment out to Barless Paris as Westerners D. C. for day as Cheef of the Operators Section. Press Dec 29, 2003, to Jun. 27, 1920, he was the non-

The Fire Entinguishers of McCook Field "These are many want of principles oversety and so one

First Cape of the University of Michigan and Mrs. Good tree. Sight surgeon Chut Andrew Bandh, Sight sery on, Afforced much slower than the smaller Bulliavilands and The aviation had a difficult sub as sentings the place a reserve set before sumset. The aventury was a tribe at Devala while

The prempt delivery by air of nati-texts for domain a

Student Officers Visit Mc Cook Bloks Devices and with sections for developme pay entrinsent for Periodical The roate is approximately 1,800 mater load

Martiner Streets, Brit Sentennik, Air Server, then feet Senternat, 20th Aus Squadem, Art Server. For extrac-Joney become in notice that 22, 2008, over on Arrent found, other he would be the procus of a French plane after heland put to fight the nextwoder. Has palinet not us the face of over-helmany odds proved an exquisition to the next of



solver it is covered tale the car So, of the World Air Survey 1 Secretary of War has authorized General Points to

thereign has been progressive of late. Neval Avenue has

Orders to Officers Not. George L. McMellon, USN-Detached Noval Ag-

in William N. Updegraff, USN-Detected USS Menty; le Nord Sir Station, Penancia, Fin. Lo. (in) Hower N. Willemann, USN-Detached Toronto & Francis Passons Fig. 1 or John T Scolerway USN Detected Aircraft Springer, Burle Phot, to Navel Air Station, Association Wich And E. Tengrer, USN-Drinked Torpodo & Book-

". Case Squad L. Scotting Floot, to Navel Arr Station,

San Player, Call

Diene, Calif., to USE Relact Lt. Adoleh P. Schneeler, USN-Detacked Navel Acr Sta Li. Lidgis P. Schander, UNN. Detached Nevel Arr Sta-tion, San Biogn. Colf., to Jacres Squadrens, Battle Plont. Eas. Delbert L. Codes, DSN.—To USS Language Eas. Arnold J. Isbell, USN.—Detacled USS Barrai, in Naval Air Statum, Pranacola, Fla.
Maria Balard T. Cupples, USN.—Detached Naval Air Sta-Nach Bearing & Copper, USA -- Delicated Annual Associate Flort, Mark Descript H West, USA -- Delicated Natal Asymptotics Factory, Philadelphia, Pa., to USS Words Sensitives Supply Flort, to Navel Air Statute, Hawatan

COMING AERONAUTICAL EVENTS

Oct. 3-3 — National Airplant Rases, St. Louis, Mo. Lain Fall — Curtan Mastes Florar Trouby Rase

July 20- - Interespond Asso Eukleises, Golsen Aug. 12 berg. Sweden

Aug. 5.
31 — Sallylane Mort. Rhoen, Germany
Aug. 5. — Sallylane Mort. Vascelle, near Chev.

Sept. 23 — Gordon Bennert Balloon Race, Branch. Supr. 28 Schooler Marrine Assures Touby Rate, Cours, Isla of Wight England Dec. 1 - Estim clear for French Engree compe-

A rowl plan for tendenc radio code to student naval eva-Where to Flu(4

FLY THEM YOURSELF leaster by the Hour Phring honoraction by the hone Early Mb.

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CURTILI FIELD CARREST CITY, LONG INLAND
EDGLWOOTH FIELD BUTTALO R. T.
FLEDG STATION, ATLANTIC CITY, N. J. CURTISS AEROPLANE & MOTOR CORPORATION POWE STIERS You strike sellected between hy Keen throat work

Starter, Stemant, Stem and Field a Mile team Payme State.

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of how to make better sixeraft equipment and in the confidence of designers, builders and pilots.

Goodyeer Menns Good Wear



in an airplane is the sum total of nonformance case of control, accessibility of parts, economy of operation - and finally the capacity for enduring service. Subsequent training and service planes for the Army and Navy have proven the sound design that achieved the original PETREL.

Invested production office Model 3 PETRELS at \$3000 F.O.B. furture.

Huff Daland Aero Corporation Ordendage, New York



ZR1 Rendy for Sked Trials

Learning Radio While Asleen



Acr 5, 1925

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